



خليفة للصناعات الحديدية

KHALIFA STEEL INDUSTRIES

STEEL & MORE

COMPANY PROFILE



CELEBRATING
YEARS

10

A large coil of steel wire, viewed from above, creating a spiral pattern that leads to a dark center. A semi-transparent dark grey horizontal band with a red outline is positioned across the middle of the image.

STEEL & MORE

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INTRODUCTION

Khalifa Steel Industries is an ISO 9001:2015 Certified, comprehensive enterprise based in Doha, State of Qatar. As a recognized market leader in steel products, we have a proven record in setting new trends and introducing alternative solutions.

Since its establishment in 2009, Khalifa Steel Industries has grown to become a forward-thinking, client-focused supplier of quality products sourced from around the world. Our early projects included supplying steel reinforcement and building material products to the construction projects and various high and low-rise housing community development projects in Qatar.

ACHIEVED MILESTONES

- From 2010 - January 31, 2014: one of our major achievements was the ***Awarding of Authorized Distributorship License from Qatar Steel Co.***
- Within the next two years, we crossed another major milestone by establishing our ***Steel Processing Plant*** for manufacturing Welded Reinforcement Wire Mesh, Deformed Wire Rod in Coils and Cut & Bend facility in New Industrial Area and have since become the single and ***Largest Manufacturer of Welded Reinforcement Wire Mesh and Deformed Wire Rod in Coils in the State of Qatar.***
- As of 1st of February 2014, Khalifa Steel Industries was awarded with an Exclusive Distributorship with Emirates Steel in the State of Qatar.
- As of 1st October, 2018 – Opened its second and much larger Cash Sales Store at the prime location in St.10, Old Industrial Area (after St.8 Cash Sales Store). Pursuing an expansion into the new product ranges such as but not limited to ***Industrial and Commercial Steel products.***

Khalifa Steel Industries has established its client base not only in the private but also in the major ***government, commercial and industrial projects*** developments as well. With hundreds of projects completed, the company has gained a strong reputation for quality and reliability.



Achieved Milestones

Khalifa Steel Industries is committed to providing its clients with the best of service which is tailored to individual requirements. From our highly qualified sales team through our experienced production personnel, our goal is always to produce & deliver the best quality products available on the spot for urgent requirements.

Khalifa Steel Industries (KSI) is ready to meet the requirements of the most demanding clients and is committed to complying with the customized delivery schedules together with the highest requirements of specifications and product quality.

Throughout our successful history and achieving our set milestones, we have contributed most of our efforts and experience in competitiveness and productivity considering "Quality" as a top priority so we can better serve our valuable clients. We are even more committed today in giving our customers the best value and a complete professional support.

Khalifa Steel Industries is one of the most reliable and technologically advanced manufacturers of steel reinforcement in the industry.

The fundamentals of our success are close cooperation with our customers, a highly-qualified staff and continuous innovation, development, and improvement!

"QATAR DESERVES THE BEST AND REST ASSURED KSI DELIVERS THE BEST!"

KSI is a leading manufacturer of **Reinforcement Steel**, and one of the largest Stockist of the **Industrial – Commercial Steel & Wood products**.

- **Reinforcement Steel:** Welded Wire Mesh, Deformed Wire Rod in Coils, Cut & Bend, and Mild Steel Bars of various diameters.
- **Industrial - Commercial Steel:** Channels, Bars, Hollow Sections (Pipes, Tubes), Plates, Corrugated Sheets, and Angles.
- **Wood products:** White Wood, Marine & Commercial Plywood, and Hardwood.





CEO's MESSAGE

Our main goal is to be a supplier of choice for our customers. We guarantee excellent service for our clients along with our commitment to supply products of highest quality. At Khalifa Steel Industries, we are convinced that a responsible approach to business is a decisive factor determining our long-term success. One of our most important company assets is our reputation for ethical behavior, honesty and fair dealing.

In such a highly competitive environment, Khalifa Steel Industries, managed to build a solid base and a flawless reputation.

Our products are in compliance with all International & local standards supported with certificates from Government approved Laboratories in State of Qatar.

It is an honor to be a part of such dynamic & hard working team of professionals who have strived with their loyalty & dedication to bring KSI to its current status.

Along with 2030 vision of Qatar we stand behind our commitment, integrity and service excellence, aimed towards enhancement of service quality and the life of our people.

Sh. Jassim Bin Ahmed Al Thani
Chief Executive Officer (CEO)



M.D's MESSAGE

Khalifa Steel Industries W.L.L. has been a supplier of choice for many clients due to our strategies and the transparent business approach towards our business partners. The valuable support from our loyal clients and the opportunities that we have developed through a wide business network has been our key to growth and prosperity.

We make sure that our service excellence translates into actions with client's requirements through our quality management system, through various products & services provided by Khalifa Steel Industries and the highest standard of performance which is demonstrated and maintained in the past & will be continuously developed in the coming future.

It is important to be at par with technological innovations and to be continuously in research and motion for enhancement; Khalifa Steel Industries believes that business must be forward-thinking, decisive, creating strategies to meet business challenges. Now, Khalifa Steel Industries has pioneered in integral & constant stability meeting client's demands.

Through the advanced strategies of the Management Team, our clients enjoy and avail the full range of the products and services at their convenience. All our employees believe in the timely accomplishment of tasks and treat every customer's requirement individually.

Khalifa Steel Industries recognizes the importance and contribution from all the employees and considers them as most valuable assets of the company. Teamwork is a key to success at Khalifa Steel Industries.

Our staff is well trained so that all efforts are harmonious and unified. Company personnel are dedicated to working for the advancement of Khalifa Steel Industries, customer welfare and the common goals.

The success of Khalifa Steel Industries is mainly attributed to its Chief Executive Officer, Sheikh Jassim bin Ahmed Al-Thani. With his wise decisions and right guidance, the management is able to implement its expertise in the business and make the company flourish even during the most difficult times.

There is an inevitable need of organizations that could be a part and pillar of Qatar's growth story and we are honored to be one of them!

Mr. Hany Gaber
Managing Director (MD)





VISION

Our vision is to set a milestone in steel and timber industry along with a robust presence in the assorted range of building materials for the construction industry by providing unrivaled service & satisfaction to our clients and end users bundled with quality products of the highest global standards along with the most competitive pricing.

At Khalifa Steel Industries, our ambition is to be recognized for reliability, responsiveness, commitment, competence and best customer service. We are looking forward to keep our leading position in the market and to further develop our operating excellence in every segment of our activities while keeping the business ethics on paramount priority by exceeding client's expectation, achieving most optimum efficiency of our valued human resources and significantly increasing our market share.

MISSION

Our mission is to provide the most comprehensive range of building materials in conformity with established contracting policies and procedures together with constant improvement of such essentials as quality service and quality management.

Our objective is to build a strong brand value that makes us unique in all aspects and we aim the complete satisfaction of our clients, thereby making us the market leader of our business segment with highest integrity and unmatched business standards

CORE VALUES

Our business approach is value based. We use values to guide our behavior toward each other, our customers, our partners and our communities. Our corporate values have been set by our leadership, by which all our business processes are guided.



HEALTH, SAFETY & ENVIRONMENT POLICY

Health, Safety & Environment Policy

Khalifa Steel Industries W.L.L. is seriously committed to Health, Safety and Environment (HSE) awareness and considers HSE as top priority on our operational and organizational objectives. Khalifa Steel Industries W.L.L. recognizes that excellent HSE performance is vital to its business and equally important as other company activities. To demonstrate this commitment Khalifa Steel Industries W.L.L. empowers all employees

"MAKE SURE THAT ALL SAFETY MEASURES ARE IN PLACE BEFORE INITIATING ANY WORK AND IF THERE IS ANY RISK WITH REGARDS TO SAFETY STOP IMMEDIATELY"

Khalifa Steel Industries W.L.L. at all times will:

- Ensure that all employees are aware of the HSE policy through Training Sessions.
- Include HSE issues and performance in staff induction, training and appraisal.
- Ensuring that each and every employee is responsible for the implementation of HSE issues bearing in mind that Khalifa Steel Industries W.L.L. understands that accidents & injuries are preventable and accountable.
- Maintain that everyone must be responsible for his own safety and the safety of other people as well.
- Conduct all activities in an environment friendly manner that complies with the prevailing environmental norms and standards as well as related to local laws and regulations.
- Expect that all our clients and business partners to adopt similar HSE policies and standards for the benefit of both parties.

Khalifa Steel Industries W.L.L. is committed that this policy must govern its corporate conduct at all levels and pursue the concepts of this HSE policy through its operational procedures. Khalifa Steel Industries W.L.L. shall recognize the efforts of all those who contribute the implementation and improvement of the company HSE performance.



ENVIRONMENTAL POLICY

It is KHALIFA STEEL INDUSTRIES W.L.L. policy to ensure that the highest standard of environmental protection is maintained. We will seek to continually improve our policies, programs and environmental performance taking into account the development in the construction & prefab industry and customer needs.

It is in Khalifa Steel Industries W.L.L., interest to implement and maintain an Environmental Management System which sets out the company objectives and targets for continual improvement in all areas of the operation and other areas where the operations can have an influence on any impact on the environment. The objectives and targets are set and will be appraised by management during reviews.

It is the policy of Khalifa Steel Industries W.L.L., to undertake the processes in a matter that is not detrimental to the environment and to prevent pollution.

Khalifa Steel Industries W.L.L. will regularly review and consider the impact of environmental issues on its business, through the monitoring of suppliers and contractors, material, products and new technologies and financial implications.

Finally, Khalifa Steel Industries W.L.L. is committed to full compliance with all applicable legal and other regulations to which the company subscribe and which relates to the environmental aspects.







QUALITY POLICY

KHALIFA STEEL INDUSTRIES W.L.L. is a world class manufacturer of prime quality steel products in Doha and in the Gulf region. Our management team along with our highly experienced production team share the common goal of producing the best quality products, while striving to provide excellent customer service are the cornerstones of our business. We are serving them with the highest level of care, concentrating all efforts to exceed customer expectations and focus on delivering superior consumer value to all our clients in order to achieve their satisfaction.

Our management system, practices, products, customers and employees must be measured in terms of performance. Performance indicators guide us to the areas that need corrective action and analysis for further review. The entire KHALIFA STEEL INDUSTRIES W.L.L. team will adhere to the spirit and intent of our quality policy, as well as the directives of this quality management system and its supporting quality system documentation. We will continue to aggressively strive to ensure that customer satisfaction is achieved at all times.

Khalifa Steel Industries is totally committed to understanding and meeting the quality needs and expectations of all our customers. Khalifa Steel Industries W.L.L. has a proud reputation for delivering quality products & an unrivaled customer service. We have established a comprehensive quality management system that allows our company to meet all of the requirements of the ISO 9001:2015 quality standard and intend to abide by all local and national legal regulations expected from a market leading organization.

Continuous improvement and training are vital to ensure that our customers receive world class products and services. Our employees are our greatest assets. We provide them the opportunity to enhance their skills, attain career growth and realize their full potential. Our customers are our partners in building a dynamic organization. We shall be responsible corporate citizens who are aware of our social responsibilities and must be concerned with the welfare of the community where we live and conduct business.

We take a great pride in all our products and our relationships with our customers and look forward to demonstrating our capabilities driven by common goals and values, sharing competencies and practicing sound business ethics.



PRODUCT PORTFOLIO

Steel:

- Industrial & Commercial Steel
- Welded Wire Mesh (AS per QCS 2014) – BS 4483:2005, Grade B500B / ASTM
- Reinforcement Steel Bars – BS 4449:2005, Grade B500B
- Reinforcement Steel Bars - Cut & Bend – BS 8666:2005, Grade B500B
- Deformed and Plain Wire Rod in Coils
- Deformed and Plain Mild Steel Bars
- Rebar Couplers



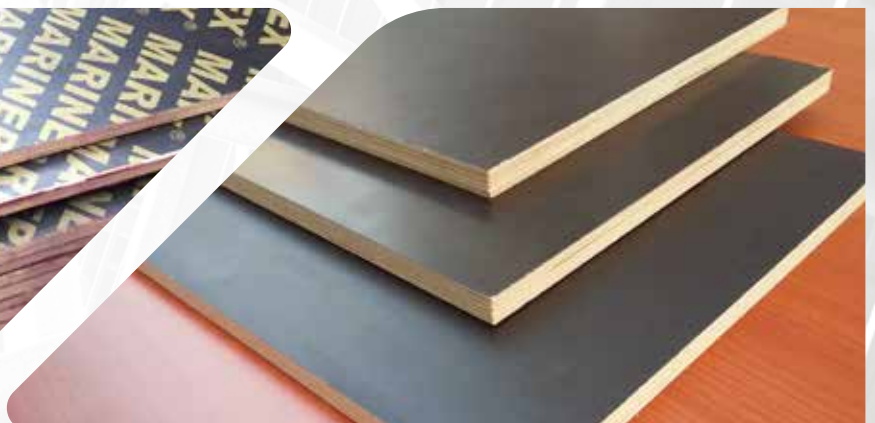
PRODUCT PORTFOLIO

Wood:

- White Wood
- Commercial / Ordinary Plywood

Brands We Supply:

- MARINE PLEX
- YAFEI PLEX
- POWER PLEX
- MASTER PLEX
- FILM FACED PLYW



MATERIAL HANDLING

Welded Wire Mesh

The efficiency of the Steel Processing Plant for Manufacturing of Welded Reinforcement Wire Mesh, Deformed Wire Rod in Coils and Re-bar Cut and bend is determined by the speed of the material handling. Material handling in the shop-floor of Khalifa Steel Industries W.L.L. is carried out through five numbers of overhead cranes having a capacity of 7 tons and 4 numbers of forklifts truck with a capacity of 7 tons.

Welded Wire Steel Mesh/ Reinforcement Mesh

We take the pleasure to introduce ourselves as a professional firm for manufacturing and exporting various kinds of welded wire meshes. Welded wire steel mesh is one of the specialized products of Khalifa Steel Industries W.L.L and is widely specified for a multitude of uses throughout the industry, building construction, agriculture and horticulture.

We will produce square or rectangular mesh reinforcement in flat sheets, manufactured from cold drawn high yield steel wire. Welded wire fabric is manufactured to the international standard on automatic welding machines which assures uniform spacing of wires and cross- sectional areas.

The standard size is 2.4mtr x 4.8mtr. Sheets in non-standard widths and lengths are also made to order in all types of fabric. Sheets up to 3 meters to 6meter size can be produce. Standard pitch (spacing) size is 200mm x 200mm. Also, we can produce 150mm x 150mm, 100mm x 100mm, 200mm x 100mm and more.

We are producing the wire mesh according to Qatar Construction Standard 2014 (QCS 2014). It will confirm to various national and international standards such as British Standard (BS 4483: 2005, Grade B500B) or American Standard (ASTM A185)





APPLICATIONS AND ADVANTAGES WELDED WIRE STEEL MESH

Applications

In Both above ground and underground construction as well as in precast factories wire mesh is used to reinforce extended areas like floors, walls roads and joints with specially formed bent wire mesh can be used are storage tanks, silos. Concrete pipes or plates floors.

A major area for concern when refurbishing is the restoration of cracked plaster, render, and damaged stone or brickwork. On many occasion, it is impossible to remove existing material to form a key without structural damage.

The application of a layer of welded mesh over the existing surface to provide a mortar reinforcement prior to the final surface coat can often be the answer.

Welded wire steel mesh is ideal for bridge parapet guards on interstates and freeways. It provides a secure barrier in addition to being compatible with other materials used in bridge construction.

Welded wire steel mesh is also used for girder lagging prior to concrete or plastic finishing. Suspended ceilings, shelving systems, window Protection and even earth stabilization.

Guarding and protecting are two areas where mesh is invaluable: safety guards on scaffolding, especially on multi-story blocks; and compounds for the storage of material on-site to provide protection.

Advantages

Wire mesh as reinforcement reduces the project costs and speed up the construction period as opposed to rebar's as wire mesh is supplied in a ready to place condition and thus time and manpower for steel, bending and tying are saved. Wire mesh is easier and faster to place resulting in reduction of time and cost by 50-80%. Cutting at site is not needed; accordingly, no material loss has to be calculated. The yield strength of wire mesh is higher; therefore, the weight of reinforcing steel is reduced in the range of 40%

Quality

Welded wire steel mesh is manufactured from bright drawn mild steel wire, electrically welded at every intersection. It is produced in self-color (flash copper coating), galvanized after manufacture and PVC coated.





BRITISH STANDARD – STANDARD STOCK MATS TO BS4483

Mat Size	Mat Type	Pitch		Wire Size		Section		Mass	
		Main	Cross	Main	Cross	Main	Cross	Main	Cross
M		mm		mm		cm/m2		kg	
SQUARE MESH FABRIC									
4.80 X 2.40	A565	200	200	12	12	5.65	5.65	102.3	8.88
	A393	200	200	10	10	3.93	3.93	71	6.16
	A252	200	200	8	8	2.52	2.52	45.5	3.95
	A193	200	200	7	7	1.93	1.93	34.8	3.02
	A142	200	200	6	6	1.42	1.42	25.6	2.22
	A98	200	200	5	5	0.98	0.98	17.7	1.54
	STRUCTURAL MESH FABRIC								
	61131	100	200	12	8	11.31	2.52	125.6	10.9
	8785	100	200	10	8	7.85	2.52	93.8	8.14
	6503	100	200	8	8	5.03	2.52	68.3	5.93
	6385	100	200	7	7	3.85	1.93	52.2	4.53
	6283	100	200	6	7	2.83	1.93	43	3.73
	6196	100	200	5	7	1.96	1.93	35.1	3.05
	LONG MESH FABRIC								
	C785	100	400	10	6	7.85	0.71	77.4	6.72
	C636	100	400	9	6	6.36	0.71	63.9	5.55
	C503	100	400	8	5	5.03	0.49	50	4.34
	C385	100	400	7	5	3.85	0.49	39.3	3.41
	C283	100	400	6	5	2.83	0.49	30.1	2.61





PRODUCT SPECIFICATIONS

Rebar Marking:

Designation	Nominal Dia.	Nominal Mass	Tolerance (against nominal mass)			
No.	(mm)	per meter run (kg/m)	ASTM (%)	BS (%)	ISO (%)	SSA (%)
D8	8	0.395	- 6	±6	±8	±6
D10	10	0.617	- 6	±4.5	±6	±6
D12	12	0.888	- 6	±4.5	±6	±4
D14	14	1.210	- 6	±4.5	±5	±4
D16	16	1.580	- 6	±4.5	±5	±4
D18	18	2.000	- 6	±4.5	±5	±4
D20	20	2.470	- 6	±4.5	±5	±4
D22	22	2.980	- 6	±4.5	±4	±3.5
D25	25	3.850	- 6	±4.5	±4	±3.5
D28	28	4.830	- 6	±4.5	±4	±3.5
D30	30	5.550	- 6	±4.5	±4	±3.5
D32	32	6.310	- 6	±4.5	±4	±3.5
D36	36	7.990	- 6	±4.5	±4	±3
D40	40	9.864	- 6	±4.5	±4	±3

“QATAR STEEL” is embossed on each rebar produced at facility.

ISO 6935-2 B500B-R / ASTM A615 GRADE 60 / SASO 2/1992



BS 4449:2005 GRADE B500B



BS 4449:2005 GRADE B500C



PRODUCT SPECIFICATIONS

Characteristics	BS	BS	ASTM A615	ASTM A615	ASTM A615	QS600	ISO 6935-2	SASO ASTM
	4449:2005	4449:2005	Gr60	Gr 75	Gr 80		:2007	A 615:2015
	Gr B500B	Gr B500C				(YS>600MPa)	B500B-R	
Chemical Composition								
Carbon(C)%	0.24 Max	0.24 Max	--	--	--	0.32 Max	0.32 Max	--
Phosphorous(P)%	0.05 Max	0.05 Max	0.05 Max	0.05 Max	0.05 Max	0.05 Max	0.060	0.05 Max
Sulphur (S) %	0.05 Max	0.05 Max	0.05 Max	0.05 Max	0.05 Max	0.05 Max	0.060	0.05 Max
Nitrogen(N)ppm	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max	120 Max
CE (%)	0.50 Max	0.50 Max	--	--	--	--	--	0.54 Max
Mechanical & Physical Properties:								
Yield Strength, MPa (min)	500 - 650	500-650	420	520	550	600	500	420
Tensile Strength, MPa (min)	--	--	620	690	725	740	--	620
TS/YS (min)	1.08	>=1.15, <1.35	--	--	--	--	1.08	--
Elongation, (%), (min)	--	--	9	7	7	7	14	9
Agt (%) (min)	5	7.5	--	--	--	--	5	--
Bend Angle	90	90	180	180	180	180	160° to 180°	180
Re-bend Angle	From 90° Back by at least 20°	From 90° Back by at least 20°	--	--	--	--	From 90° Back by at least 20°	--
Weldability								
Weldable/Non-Weldable	Weldable	Weldable	Non-Weldable	Non-Weldable	Non-Weldable	Non-Weldable	Non-Weldable	Non-Weldable
Application								
	RCC Construction	RCC construction in seismic zone	RCC Construction	RCC Construction	High Raise Towers	High Raise Towers/ Highly loaded RCC structure	RCC Construction	RCC Construction

Note: Bend and Rebend tests are performed as specified in respective standards using proper mandrel diameters

TECHNICAL FEATURES

- ▶ BS4449:2005 GrB500B rebars are produced with low carbon equivalent & Weldable, whereas ASTM A615 Gr60, Gr75, Gr80, QS 600 ISO 6935-2:2007, B500B-R SASO ASTM A615:2015 are Non-Weldable.
- ▶ BS4449:2005 GrB500B rebars have High Strength Compared to ASTM A615 Gr60 which reduces steel consumption & congestion in structure, in turn reduces overall cost of project.
- ▶ BS4449:2005 GrB500B rebars have High Yield Strength i.e. SOO MPa (Min) compared to ASTM A615 Gr60, without compromising on ductility.
- ▶ BS4449:2005 GrBSOOB rebars have better bend performance, due to severe bend & re-bend angle. Rebars conforming to BS 1119:2005 Specification, are subjected to Fatigue testing and survive minimum 5 million stress cycles
- ▶ QS 600 with Yield Strength>600 MPa: Over the years rebar with yield strength 420MPa, 460MPa, SOOM Pa etc. conforming to BS 4449/ASTM A 615 specifications were available in Qatar/GCC region. Rebar with higher strength i.e. YS>600t1Pa will reduce the steel consumption by around 20 % in construction, which in turn lowers the overall cost of structure. Using high strength rebar QS 600 can also lead to reduction in column size of heavily loaded structure and there is relief from rebar congestion.

PRODUCT SPECIFICATIONS

Wire Rod

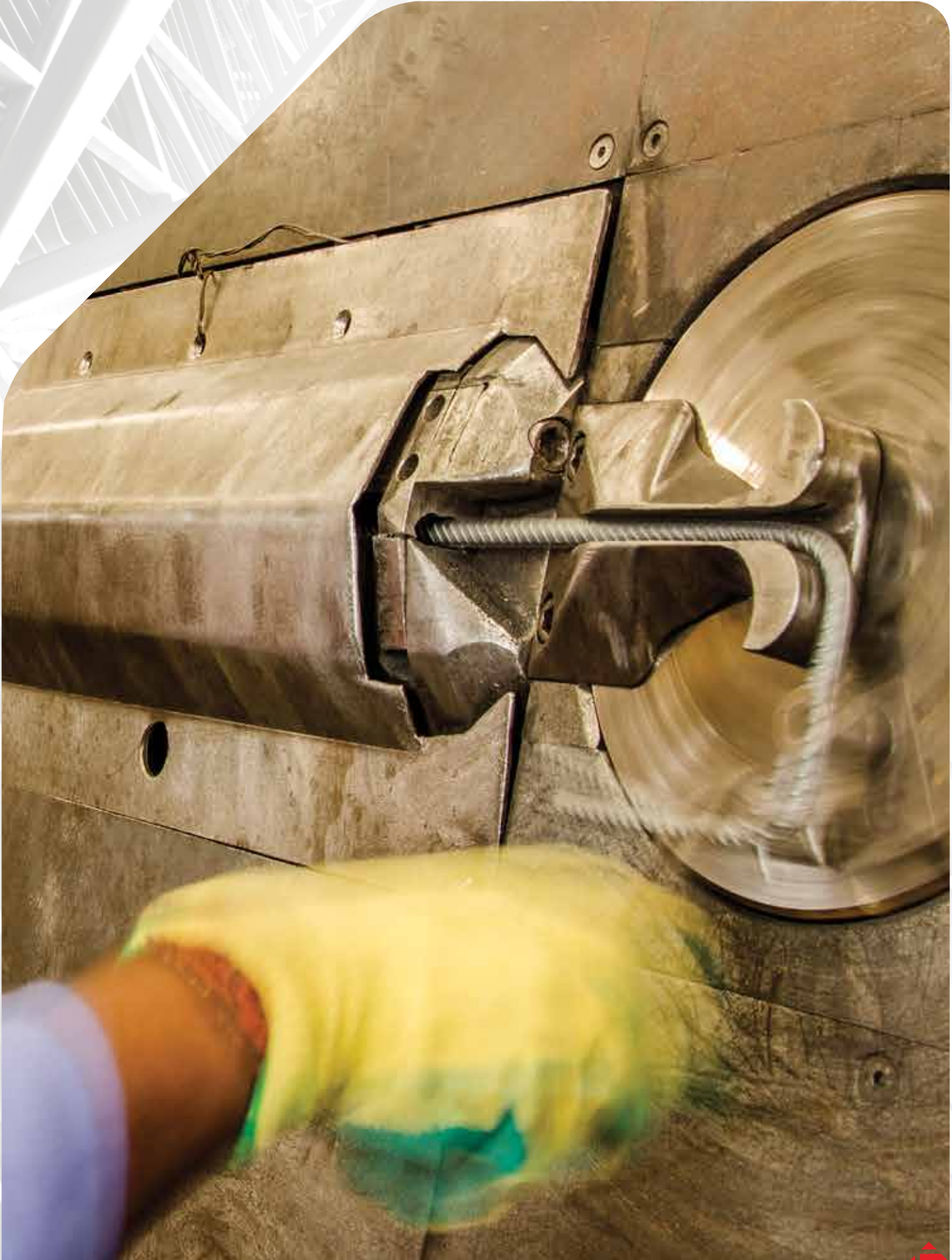
Grade	%C	%Mn	%Si	%P	%S	YS [MPa]	TS [MPa]	%El	%Agt / %Ra	End Application
SAE 1006	0.08 Max.	0.25 – 0.40	0.15 Max	0.035 Max	0.025 Max	240 – 290	340 - 415	35 Min	--	Wires for miscellaneous application/ Galvanized Wire
CAQ Cable Armor Quality	0.04- 0.06	0.30 - 0.40	0.030 Max	0.035 Max	0.025 Max	240 - 300	340 - 380	30 Min	70 Min	Cable Armoring Wires
EWN R/51 ISWRY11	0.04- 0.06	0.40 - 0.60	0.050 Max	0.035 Max	0.025 Max	250-300	390 Max	30 Min	70 Min	Stick/Welding Electrodes
SAE 1008	0.06 - 0.10	0.30 - 0.50	0.15 Max	0.035 Max	0.025 Max	250 - 300	350 - 425	30 Min	--	Galvanized wire for fencing/ poultry farm/ barbed wire
SAE 1012	0.10 - 0.15	0.30 - 0.60	0.15 Max	0.035 Max	0.025 Max	275 - 325	400 - 475	30 Min	--	wire Mesh
SAE 1018	0.15 - 0.20	0.60 - 0.90	0.10 - 0.35	0.035 Max	0.025 Max	300 - 350	450 - 525	22 Min	--	Wires for miscellaneous application
ASTM A615 GR60	0.22 Max	0.60 - 1.00	0.35 Max	0.035 Max	0.025 Max	420 Min	620 Min	9 Min	--	RCC Construction
ASTM A615 GR75	0.32 Max	0.60 - 1.00	0.35 Max	0.035 Max	0.025 Max	520 Min	690 Min	7 Min	--	RCC Construction
BS 1149:2005 GRBSOGB	0.24 Max	0.60 - 1.00	0.35 Max	0.035 Max	0.025 Max	500-650	YS x 1.08 Min	--	5 Min	RCC Construction
BS4449 ;2005 GR B5DDC	0.24 Max	0.60- 1.00	0.35 Max	0.035 Max	0.025 Max	500-650	x 1.15 <YS x 1.35	--	7.5 Min	RCC Construction
SSA 221992 HY	0.33 Max	1.80 Max	0.35 Max	0.050 Max	0.050 Max	460	506	12 Min	--	RCC Construction

Dimensional Tolerances of Wire Rods

Standard	Wire Rod Size—Mm	Tolerance-Mm +/-	Out Of Round- Mm	Remarks
QS FZE	5.5 - 16.0	0.20	0.30 MM	QS FZE Tolerance is Half of -ASTM Tolerance
ASTM A510	5.5 - 16.0	0.40	0.60 MM	General requirements

COIL IDENTIFICATION

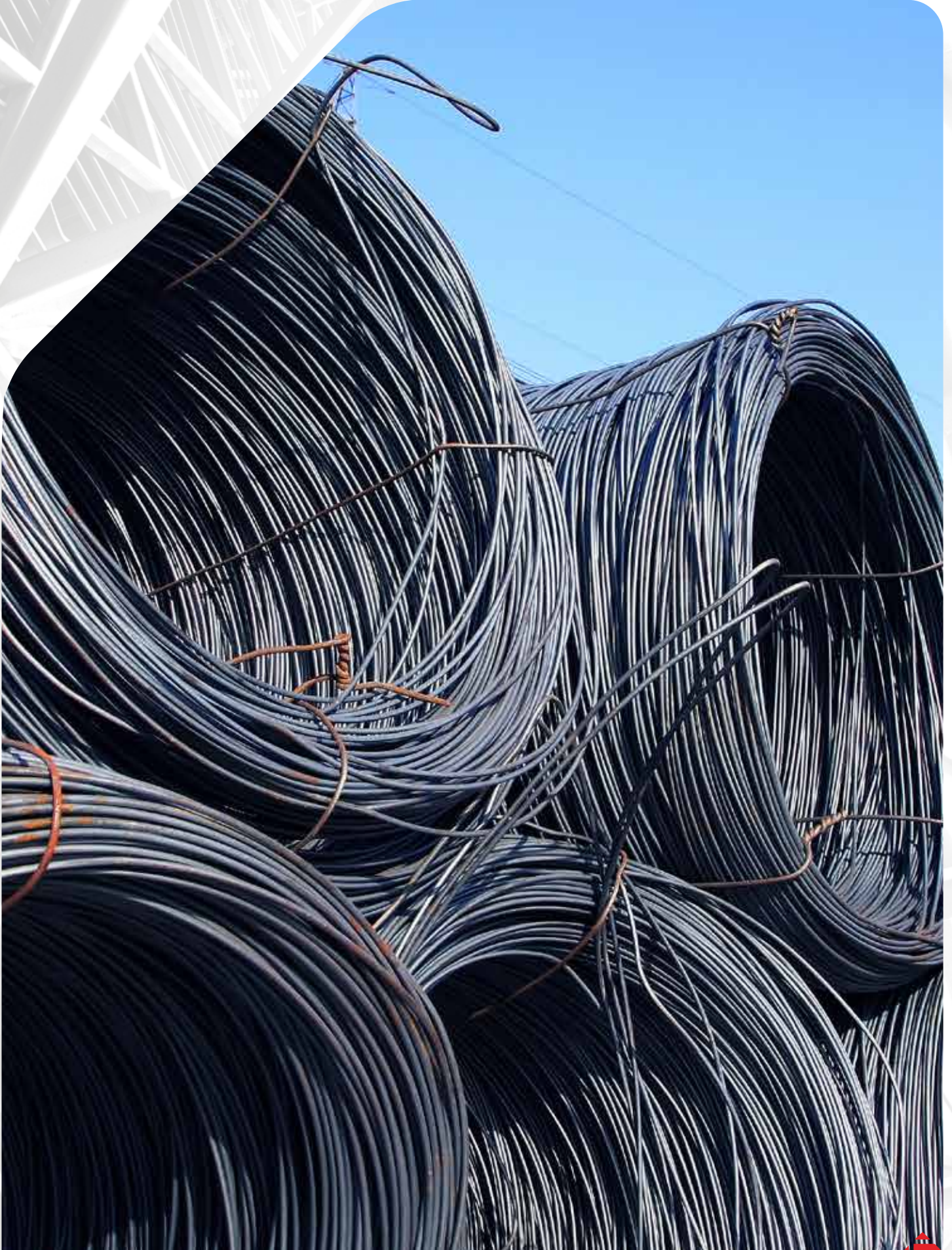
Each coil will have tag with unique coil number and Heat number



REINFORCEMENT STEEL BAR - CUT & BEND

Khalifa Steel Industries – Produce rebar cut & bend products. Rebar Cut & Bend is ready to fix with special tags on each batch produced and in accordance with the Qatar Construction Standard 2014 (QCS 2014) and British Standard BS 8666:2005 Grade B500B.





DEFORMED AND PLAIN WIRE ROD IN COILS

Diameters produced: 5mm, 8mm, 10mm, 12mm
Coil Weight: Up to 2/MT.

DEFORMED AND PLAIN MILD STEEL BARS

Diameters produced: 5mm, 6mm, 7mm, 8mm,
10mm, 12mm
Length: 6 meters to 12 meters



MACHINERIES

Khalifa Steel Industries W.L.L. is equipped with modern machineries of advanced technology for cutting and bending of reinforcing steel, the high capacity and the automation of the machineries results in shorter delivery times and higher accuracy in dimensions. Details of different types of machines as are follows:



LGH3 - LR360 MACHINE

The machine has been designed to straighten and cut the steel wire, plain or ribbed hot rolled or cold drawn. This drawing line LGH3 the straightening and Cutting line LRR 360



MESH WELDING LINE

This is a mesh welding machine for the production of reinforcing mesh in a variety of configuration and diameter this includes the fully automated production lines for welded reinforcing bars and for the production of industrial and reinforcing mesh.



BARWISER 28

The fully computerized bending machines that optimize the bar bending production. The barwiser can be set in parameters according to the required length and shapes. This is the latest technology acquired by KSI Factory to enable to operate at a much higher level of efficiency compared to the conventional bending machines.



HYDRAULIC SHEAR CUTTING MACHINE

This shear-line from a leading European manufacturer is a workhorse having a capacity to shear up to 300 tons of steel per day depending on the diameter of steel, number of cuts etc.

Technical Specification

- Maximum diameter of bars that can be sheared **50 mm**
- Blade width **450 mm**
- Stroke **100 mm**
- Blade Clearance **90 mm**



MANUAL SHEARS

To supplement the capacity of the main hydraulic shear during times of peak demand and to overcome the weakness of the main shear line this is not able to operate at high efficiency when smaller jobs are to be carried out.



BENDING MACHINES

The bending machines are from leading European manufacturer and supplemented by Italy made machines. The machines are specifically designed of bars used for reinforcing concrete. The rigid machine construction is suitable for operation in harsh conditions without breakdowns. The machines operate at a speed of 1450/910 r.p.m and are capable of accurately bending deformed bars up 50 mm. Khalifa Steel Industries W.L.L. also has bending machine to carry out spiral and radius bending.



DOUBLE BENDING MACHINE

From a leading European Manufacturer, this machine is mainly used where bends are to be carried out at both the ends of the bar. The fully automatic double bending machines as the name carries out two bends at the same time and is this able to operate at a much higher level of efficiency compared to the conventional bending machines.



STIRRUP BENDER (3 NOS.)

This machine is again from a leading manufacturer in the Europe and is capable of producing stirrups at a feeding capacity of 150 M/min and is to operate at with a twin strand of 8mm to 6mm diameter deformed coil steel.



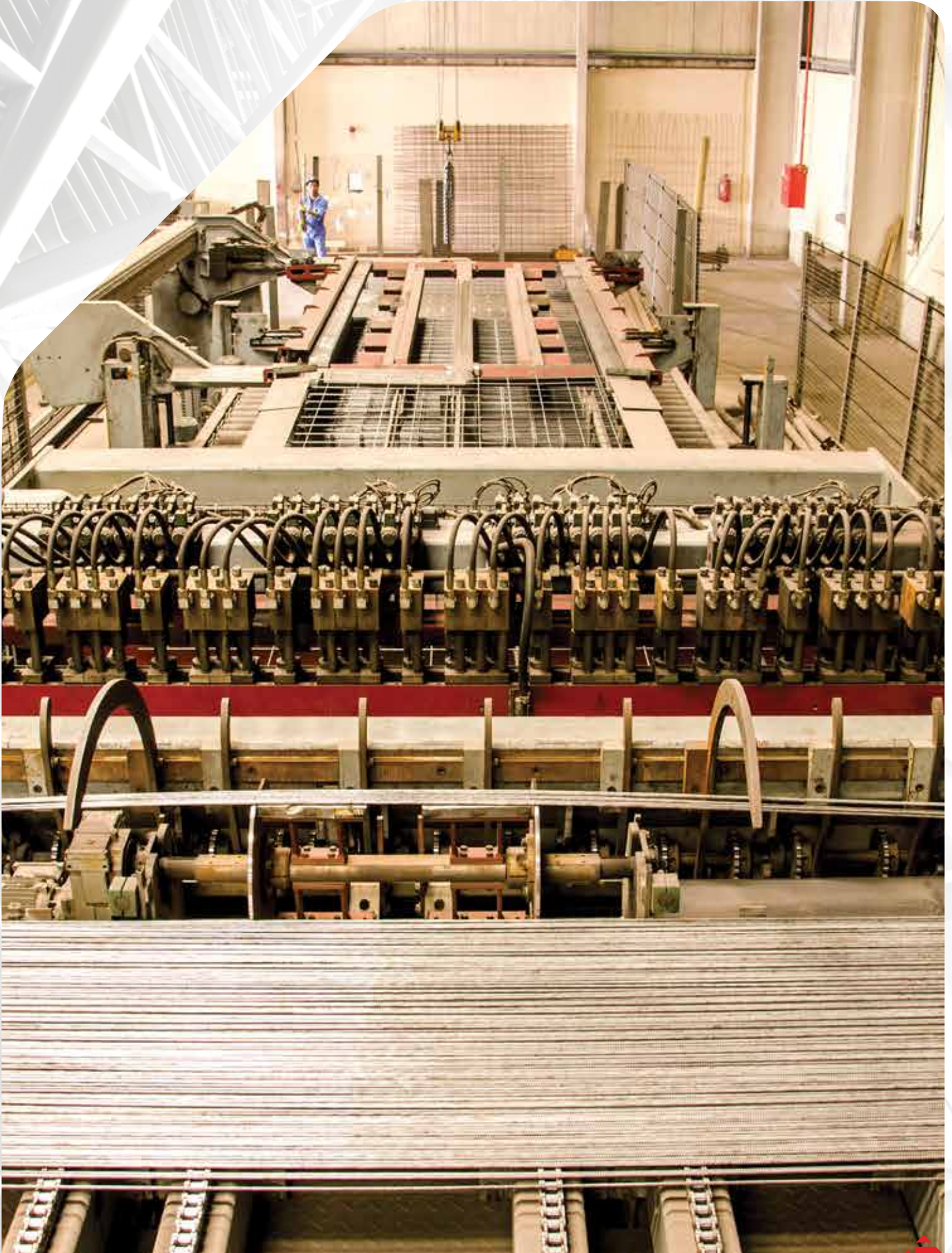
STIRRUP BENDER (CUT & BEND)

From a leading manufacturer in Europe is a new additional in our plant.

Production tolerances of stirrups produced by this machine are as follows:

- Side length max + - 2mm (Normal + mm)
- Angles max+ -2Degree (Normal +- Degree)





EQUIPMENT LIST

Factory 1

S.No	Machine	Description of machine	Manufacturer	Model	Machine S.No.	Year
1	DEM-1	Cold Rolling Line	DEM . Italy	S.00918.0B	1700.01.13	2012
2	DEM-2	Cold Rolling Line	DEM . Italy	S.01149.0A	1883.03.14	2014
3	EUROLLS	Combined Bar Production Line	Eurolls. Italy	LGH3-LRR 360	457	2013
4	Delisi Poli 20	Straightening And Cutting Machine	Delisi. Italy	Poli-20	2328	2012
5	Delisi HS	Straightening And Cutting Machine	Delisi. Italy	HS-12-H	2327	2012
6	Delisi HS	Straightening And Cutting Machine	Delisi. Italy	HS-12-H	2325	2009
7	Wire Mesh	Wire Mesh Welding Line	EVG. Austria	GE 12/126 RV	K106134	2009
8	Double straightening and cutting machine	Eurobend	Eurobend. Greek	MELC 16x2 Turbo PLC	021 5900	2015
9	Shear Line 500	Shear Line-500	Schnell. Italy	CGS 500 HYD	445120172	2012
10	Barwiser	Barwiser 28	Schnell. Italy	BAR-WISER 28 B PACK-0	745130117	2012
11	P45	Bending Machine 45	Schnell. Italy	P/45-PRO-20	0072110151	2012
12	P45	Bending Machine 45	Schnell. Italy	P/45-PRO-20	0072110152	2012
13	P3	Bending Machine P/3	Schnell. Italy	P/32 D-1V TRIFASE	56111418	2012
14	P3	Bending Machine P/3	Schnell. Italy	P/32 D-1V TRIFASE	56111418	2012
15	Mini Shear	Shear Line	Unishear. South Africa	RSM50/300	791 07	2010
16	Mini shear	Shear Line	Unishear. South Africa	RSM50/300	791 19	2010
17	Prima 16	Stirrup Machine	Schnell. Italy	PRIMA 16	687110131	2012
18	Prima 16 plus	Stirrup Machine	Schnell. Italy	PRIMA 16+	687131150	2012
19	Focus 16-1	Stirrup Machine	MEP. Italy	Focus 16	197018	2015
20	Focus 12	Stirrup Machine	MEP. Italy	FOCUS-12	192326	2012
21	RoboMaster 45	Automatic Bending Line	Schnell. Italy	RoboMaster 45	265122318	2012
22	MET Crane	Over Head Crane	PODEM. Bulgaria	44 MT 312 H7 V1 4/1 M	1157155	2011
23	MET Crane	Over Head Crane	PODEM. Bulgaria	44 MT 312 H7 V1 4/1 M	1157156	2011
24	MET Crane	Over Head Crane	PODEM. Bulgaria	44 MT 312 H7 V1 4/1 M	1157134	2011
25	MET Crane	Over Head Crane	PODEM. Bulgaria	44 MT 312 H7 V1 4/1 M	13560324	2011
26	Konecranes	Over Head Crane	Konecranes. Finland	CXT50410050P56FDL0F	HNV00680	2013
27	Konecranes	Over Head Crane	Konecranes. Finland	CXT50410050P56FDL0F	HNV00691	2013

EQUIPMENT LIST

Factory 2

S.No	Machine	Description of machine	Manufacturer	Model	Machine S.No.	Year
1	Formula 14	Stirrup machine	SCHNELL.Italy	Formula 14 EVO	0650123145	2013
2	Bending bench	bending bench	SCHNELL.Italy	FD/12 T=600	0928130270	2013
3	Spiral bending machine	spiral bending machine	GOCMAKSAN	SX-36	710-1440 L D/D	2010
4	Manual Shear Line	Electric shear Machine	SCHNELL.Italy			
5	P/50	Manual Bending machine	SCHNELL.Italy	P/50 J Special 2V/2D	9050130244	2013
6	P/50	Manual Bending machine	SCHNELL.Italy	P/50 J Special 2V/2D	9050130243	2013
7	P/45	Manual Bending machine	SCHNELL.Italy	P/45 Pro 20	0072120179	2013
8	P/45	Manual Bending machine	SCHNELL.Italy	P/45 Pro 20	0072120178	2013
9	Bending bench	bending bench	SCHNELL.Italy	B/2/2/MFC DX	0563130224	2013
10	Shear Line (outlet conveyor)	Transfer conveyor	SCHNELL.Italy	T0/1/12/1D SXHD= 1404 FR=870	0380120027	2013
11	Shear Line (hydraulic unite)	shear machine	SCHNELL.Italy	CGS 500 HDY	0445120176	2013
12	Shear Line (inlet conveyor)	Transfer conveyor	SCHNELL.Italy	FA/3/12 SX H=1350	0352120037	2013
13	Robomaster 45	Auromatic bending line	SCHNELL.Italy	Robomaster 45/12L	0265122333	2013
14	conveyor handling between shearline & Robomaster	conveyor handling between shearline & Robomaster	SCHNELL.Italy	ALC 8/12/250 light	0525131167	2013
15	Air screw compressor	Air screw compressor	Toscani.Italy	Quadro 20	V60NQ92FNM060	2013
16	Focus 16	Stirrup machine	MEP.Italy	Focus 16	197018	2015
17	Format 16 3D	2D-3D Stirrup machine	MEP.Italy	Format 16	193630	2015
18	Barwiser 28	Stirrup machine	SCHNELL.Italy	Barwiser 28	0745150131	2015
19	Shear Line 150	Shear line	SCHNELL.Italy	Shear Line 150	0341150105	2015
20	Bitronic 16-2	Straightening Line	MEP.Italy	Bitronic 16-2	240112	2015
21	Robomaster 60	Automatic Double bender	SCHNELL.Italy	Robomaster 60	0292151319	2015
22	Focus 16-2	Stirrup machine	MEP.Italy	Focus 16-2	197041	2016
23	Focus 16-3	Stirrup machine	MEP.Italy	Focus 16-3	197039	2016
24	Focus 16-4	Stirrup machine	MEP.Italy	Focus 16-4	197038	2016
25	Minisyntax 16-2	Stirrup machine	MEP.Italy	Minisyntax 16-2	182186	2016
26	Shear Line-300	Sherline	MEP.Italy	LTM-300	923020	2016
27	Automatic Double bender	Dending Machine	MEP.Italy	CS440	923020	2016
28	Abus Crane1	Over Head Crane FEM-2	Abus.Germany	ELK	120-006019	2012
29	Abus Crane2	Over Head Crane FEM-2	Abus.Germany	ELK		
30	Abus Crane3	Over Head Crane FEM-3	Abus.Germany	ELK	120-008553	2015
31	Abus Crane4	Over Head Crane FEM-2	Abus.Germany	ELK		
32	Abus Crane5	Over Head Crane FEM-3	Abus.Germany	ELK	120-008552	2015
33	Abus Crane6	Over Head Crane FEM-3	Abus.Germany	ELK	120-008554	2015

PROJECTS SUPPLIED


PROJECT	PRODUCTS SUPPLIED	VALUE (QR)
FIFA WORLD CUP STADIUM & PRECINCT		
Al Rayyan Stadium & Precinct	Cut & Bend Steel Rebar	22 Million
Lusail Stadium	Cut & Bend Steel Rebar	15 Million
Al Bayt Stadium	Cut & Bend Steel Rebar	-
Al Wakrah Stadium & Precinct - Energy Centre	Cut & Bend Steel Rebar	6 Million
Thumama Stadium	Welded Wiremesh/Wood	1 Million
Renovation of khalifa Stadium & Museum @ Aspire	Welded Wiremesh	1 Million
ROADS & HIGHWAYS		
Al Wakrah By pass	Cut & Bend Steel Rebar	35 Million
Rayyan Road Project	Cut & Bend Steel Rebar	20 Million
Al Bustan Street	Cut & Bend Steel Rebar	80 Million
Lusail Infrastructure CP05	Cut & Bend Steel Rebar	50 Million
Lusail Infrastructure CP07A-1A	Cut & Bend Steel Rebar	30 Million
Roads & Infrastructure in Doha Industrial	Cut & Bend Steel Rebar	10 Million
Construction of Water Front Commercial	Welded Wiremesh	500K
Roads & Infrastructure in Wakrah	Cut & Bend Steel Rebar	1 Million
Roads & Infrastructure in Al Khor	Cut & Bend Steel Rebar	300K
North Road Enhancement	Cut & Bend Steel Rebar	25 Million
Rayyan Road Project 7	Cut & Bend Steel Rebar	2 Million
Roads & Infrastructure in Doha Industrial Area	Welded Wiremesh	-
RAIL & PORT		
Depot	Cut & Bend Steel Rebar	13 Million
New Port Project	Cut & Bend Steel Rebar	-
New Port Project	Cut & Bend Steel Rebar	3 Million
Metro Rail - Red Line South Under Ground	Cut & Bend Steel Rebar	15 Million
Q-Rail Green Line Elevated at Grade	Welded Wiremesh	5 Million
Metro Red Line South Elevated at Grade	Welded Wiremesh	5 Million
Al Udeid Air Base Project	Cut & Bend Steel Rebar	-
Qatar Emiri Signal Crops	Cut & Bend Steel Rebar	-
MALLS, HOTELS & TOWERS		
Mall of Qatar	Cut & Bend Steel Rebar	25 Million
Windam Mall - Lusail	Cut & Bend Steel Rebar	20 Million
Doha Festival City	Cut & Bend Steel Rebar	15 Million
Lulu Mall	Cut & Bend Steel Rebar	17 Million
Salwa Resort	Cut & Bend Steel Rebar	35 Million
Salwa Resort	Welded Wiremesh	5 Million
Al Saiiya Souq	Cut & Bend Steel Rebar	2 Million
Hotel Apartment	Cut & Bend Steel Rebar	5 Million
Doha Souq	Cut & Bend Steel Rebar	15 Million
Residential Building at Bin Mahmoud	Cut & Bend Steel Rebar	5 Million
Abraj Quartier Towers	Cut & Bend Steel Rebar	80 Million
Al Shareef Tower	Cut & Bend Steel Rebar	-
Lusail Katara Hotel Towers	Cut & Bend Steel Rebar	20 Million
Lusail Office Tower	Cut & Bend Steel Rebar	15 Million
Panorama Tower	Cut & Bend Steel Rebar	10 Million
Viva Bahriya Residential Tower	Cut & Bend Steel Rebar	15 Million
Marina Tower 039	Cut & Bend Steel Rebar	8 Million
Hotel Tower	Cut & Bend Steel Rebar	5 Million
Premier Inn Hotel	Cut & Bend Steel Rebar	-
Construction Of Conrad Hotel	Welded Wiremesh	-

PROJECTS SUPPLIED

PROJECT	PRODUCTS SUPPLIED	VALUE (QR)
Burj Almana	Cut & Bend Steel Rebar	30 Million
Mix Used Development Project @ Lusail	Cut & Bend Steel Rebar	-
Mixed Used Development Project	Cut & Bend Steel Rebar	22 Million
33 & 63 Villa Housing Compound	Cut & Bend Steel Rebar	1 Million
Beach Villa at Al Khor	Cut & Bend Steel Rebar	2 Million
Proposed Commercial Development	Cut & Bend Steel Rebar	24 Million
Lagona Hotel Apartment	Cut & Bend Steel Rebar	2 Million
South Plaza building at katara	Cut & Bend Steel Rebar	8 Million
Al Wajba Complex	Cut & Bend Steel Rebar	7 Million
Fox Hills Lusail	Cut & Bend Steel Rebar	10 Million
Construction of 88 Villasat West bay	Cut & Bend Steel Rebar	5 Million
Jaidaah Family Villa	Cut & Bend Steel Rebar	2 Million
KDO Private Residence	Cut & Bend Steel Rebar	5 Million
Affordable Housing Development at Salwa Road	Welded Wiremesh	15 Million
SCHOOLS, COLLEGES & HEALTH CENTER		
Qatar University College of Law	Cut & Bend Steel Rebar	15 Million
Schools around Doha & Villages	Cut & Bend Steel Rebar/Mesh	500K
New Doha College Project	Cut & Bend Steel Rebar/Mesh	3.3 Million
Three School Package 3- Stage 9	Welded Wiremesh	1 Million
Construction of Three School Package 5	Welded Wiremesh	6 Million
Wind Modelling Research Center at Qatar University	Welded Wiremesh	-
Constructions of New School in Doha	Cut & Bend Steel Rebar	10 Million
VIP & Visitors pavilion for A.B.M. Military College- Phase 2	Cut & Bend Steel Rebar	200K
Construction of Palestinian & Sudanese Schools in Doha	Welded Wiremesh	20 Million
Al Maha Health Center	Cut & Bend Steel Rebar	5.5 Million
Al Shamal Health Center	Cut & Bend Steel Rebar	4 Million
SCHOOLS, COLLEGES & HEALTH CENTER		
Multy Storey Car Park	Cut & Bend Steel Rebar	5 Million
Al Bidaa Car Park 1,2&3	Cut & Bend / Wire Mesh	30 Million
Al Bidaa Car Park 5&6	Cut & Bend / Wire Mesh	15 Million
Al Bidaa Car Park	Cut & Bend Steel Rebar	15 Million
Ain Khaled Bus Hub & Showroom	Cut & Bend Steel Rebar	5 Million
Al Rayyan Energy Center	Cut & Bend Steel Rebar	7 Million
Substation	Cut & Bend Steel Rebar	5 Million
He3 Project Ras Laffan	Cut & Bend Steel Rebar	10 Million
SGS Lab Ras Laffan	Cut & Bend Steel Rebar	100K
LR2 Refinery Project	Welded Wiremesh	11 Million
Qatar Power House Phase 12	Cut & Bend Steel Rebar	5 Million
Qatar Power House Phase 12	Cut & Bend Steel Rebar	2 Million
Extension of Distribution Network Phase 6 Package B	Cut & Bend Steel Rebar	5 Million
Extension of Distribution Network Phase 6 Package D	Cut & Bend Steel Rebar	2 Million
Construction of Mega Reservoir at Al Thumama	Welded Wiremesh	2 Million
Construction of Mega Reservoir at Umm Birka	Welded Wiremesh	2 Million
PHXII Substation	Cut & Bend Steel Rebar	1 Million
PETROL STATION & SEWAGE TREATMENTS		
Sewage Treatment Works	Cut & Bend Steel Rebar	15 Million
Sewage Treatment Works	Cut & Bend Steel Rebar	3 Million
Industrial Area Sewage Treatment Facility Phase 2	Cut & Bend Steel Rebar	10 Million
Woqood Petrol Station & Fashes	Cut & Bend Steel Rebar	1 Million
Woqood Abu Nakhla Fuel Station	Cut & Bend Steel Rebar	-

APPRECIATION





STEEL & MORE



CELEBRATING
YEARS **10**



Khalifa Steel Factory – Head Quarters (HQ)

P.O. Box: 24343, Doha, Qatar, New Industrial Area, Pink Zone, Street 10, Building 194

Zone 81, Tel: (+974) 4444 1112 / 4455 3907, Fax: 4456 6581 / 4411 2335

Email: info@khalifasteel.com

www.khalifasteel.com

